**Life Science The Cell in Action (Chapter 4 Outline)**

***AS YOU READ, RESPOND TO THE FOLLOWING:***

*Vocabulary*: **Define in your own words**

Osmosis-

Diffusion-

Photosynthesis-

Cellular Respiration-

Fermentation-

Homologous Chromosomes-

Chromosome-

Binary fission-

Mitosis-

Cytokinesis-

*Respond to the following:*

Summarize the three steps of the Cell Cycle in your own words. (3 pts)

Describe the connection between photosynthesis and cellular respiration in your own words. (2 pts)

Describe how passive transport is different than active transport in cells. Also, give an example of passive and active transport. (4 pts)

Explain how exocytosis works in your own words. (2 pts)

Explain how endocytosis works in your own words. (2 pts)

***ABOUT THE READING:***

Write three things that you learned about Cells:

***Make sure to write a full sentence.***

*Example: I learned that the life cycle of a cell is called the cell cycle.*

*1.*

*2.*

*3.*

***Assigned work:***

*Write a one paragraph argument for which cell organelle is more important to life in general; the chloroplast or the mitochondria. Or, are they equally important? Explain your reasoning and write in complete sentences. (5 pts)*